

Lab researches speaker and language identification

by *Fran Crumb, Information Directorate*

ROME, N.Y. — The Air Force Research Laboratory Information Directorate recently awarded a \$899,900 contract to Research Associates for Defense Conversion, Inc. of Marcy to develop audio surveillance technology to assist military intelligence analysts and civilian law enforcement agencies.

The three-year contract, "Information Extraction Display for Military and Law Enforcement Applications" includes the design of a multiple channel information extraction and display testbed for audio signal software algorithms.

"The purpose of this research is to develop operator

interfaces that meet military and law enforcement requirements for intelligence, surveillance and reconnaissance, as well as for command, control, communications and computers," said John G. Parker, program manager in the directorate's Information and Intelligence Exploitation Division.

"Our goal is to use such technologies as speaker and language identification and word recognition to extract relevant information simultaneously from multiple audio transmissions," Parker said. @